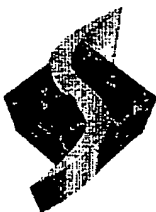


AUG 30 2005



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**FACSIMILE MESSAGE**

Date: 31 August, 2005  
To: Group Receptionist Art Unit 3628  
Fax No.: 0011 1 571 273 8300  
Subject: United States Patent Application No. 09/517,539  
Inventors/Assignors: Simon Robert Walmsley and Paul Lapstun  
Assignee: SILVERBROOK RESEARCH PTY LTD  
Our Ref: AUTH01US  
Total Number of Pages (including this) 7

Attached is a response to the Office Action of July 05, 2005, of Examiner NGA B Nguyen.

Regards

Leonie News  
Silverbrook Research Pty Ltd

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0811-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

7

Application Number	09/517,539
Filing Date	March 02, 2000
First Named Inventor	Simon Robert Walmsley
Art Unit	3628
Examiner Name	NGA B Nguyen
Attorney Docket Number	AUTH01US

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9818-6633 Facsimile: 61-2-9555 7762		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name			
Signature	<i>Simon Robert Walmsley and Paul Lapstun</i>		
Printed name	Simon Robert Walmsley and Paul Lapstun		
Date	08/31/05	Reg. No.	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Simon Robert Walmsley and Paul Lapstun</i>		
Typed or printed name	Simon Robert Walmsley and Paul Lapstun	Date	08/31/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 30 2005

## In the United States Patent and Trademark Office

Serial Number: 09/517,539  
Application Filed: March 02, 2000  
Applicant: Simon Robert Walmsley and Paul Lapstun  
Application Title: Validation Protocol and System  
Examiner/GAU: NGA B Nguyen

Dated August 31, 2005  
At: Balmain, NSW  
Docket No. AUTH01US

## REPLY

Commissioner for Patents  
Washington, District of Columbia 20231

Dear Sir:

The Office Action of July 05, 2005, has been carefully considered. It is respectfully submitted that the issues raised are traversed, being hereinafter addressed with reference to the relevant headings appearing in the Detailed Action section of the Office Action.

***Claim Rejections – 35 USC § 103***

At page 2 of the Office Action, the Examiner rejects claims 1, 2, 4, 6, 7, and 11 as being unpatentable over Shigenaga (US Patent No. 4,710,613) in view of Lee (US Patent No. 5,923,759).

Reconsideration and withdrawal of this rejection is respectfully requested in light of the following comments.

The Applicant respectfully submits that a skilled person in the art would not be motivated to combine Shigenaga with Lee as the cited documents teach very opposing authentication systems. Additionally, as required under MPEP at 2143, "*...there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings.*"

Shigenaga discloses:

- Card terminal generating a random number and encrypts twice;
- Card terminal sending encrypted data to card IC;
- Card IC decrypting the encrypted data and determines the random number;
- Card IC sending determined random number back to card terminal; and,
- Card terminal comparing both the time of processing, and the original and received random numbers to determine authenticity.